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(FILE 'HOME' ENTERED AT 13:51:00 ON 27 MAY 1999)

FILE 'MEDLINE, BIOSIS, CAPLUS, SCISEARCH' ENTERED AT 13:52:17 ON 27 MAY 1999

L1 1279 S (WAP OR MMTV) (5A) (PROMOTER OR PROMOTOR OR
REGULATORY(W) (SEQU
L2 52513 S RETROVIRUS OR RETROVIR?(W) VECTOR
L3 1589 S PACKAG?(W) CELL
L4 28 S L1 AND L2
L5 1283 S L2 AND L3
L6 15 DUP REM L4 (13 DUPLICATES REMOVED)
L7 1079 S PACKAG?(W) CELL(W) LINE
L8 380188 S P53 OR MELITTIN OR CECROPIN OR SDI OR CYTOKINE OR HSV-TK OR
P

=> s 12 and 17

L9 869 L2 AND L7

=> s 19 and 18

L10 100 L9 AND L8

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 54 DUP REM L10 (46 DUPLICATES REMOVED)

=> d bib 1-15 16

L6 ANSWER 1 OF 15 CAPLUS COPYRIGHT 1999 ACS
AN 1999:271479 CAPLUS
TI Thymidine kinase mutants and fusion proteins having thymidine kinase and
guanylate kinase activities
IN Black, Margaret E.
PA Darwin Molecular Corporation, USA
SO PCT Int. Appl., 126 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9919466	A2	19990422	WO 98-US21672	19981014
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
PRAI	US 97-61812		19971014		

L6 ANSWER 2 OF 15 CAPLUS COPYRIGHT 1999 ACS
AN 1999:147314 CAPLUS
DN 130:191910
TI Thymidine kinase mutants with increased activity, vectors expressing
mutants, and pharmacological uses

IN Loeb, Lawrence A.; Black, Margaret E.
 PA University of Washington, USA
 SO U.S., 72 pp., Continued-in-part of U.S. Ser. No. 237, , abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5877010	A	19990302	US 95-432871	19950502
	CA 2189543	AA	19951109	CA 95-2189543	19950502
	CN 1151186	A	19970604	CN 95-193717	19950502
PRAI	US 94-237592		19940502		

L6 ANSWER 3 OF 15 MEDLINE DUPLICATE 1
 AN 1998105826 MEDLINE
 DN 98105826
 TI Construction and characterization of a hybrid mouse mammary tumor virus/murine leukemia virus-based **retroviral vector**.
 AU Saller R M; Ozturk F; Salmons B; Gunzburg W H
 CS Institut fur Molekulare Virologie, GSF-Forschungszentrum fur Umwelt und Gesundheit, Oberschleissheim, Germany.
 SO JOURNAL OF VIROLOGY, (1998 Feb) 72 (2) 1699-703.
 Journal code: KCV. ISSN: 0022-538X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals; Cancer Journals
 EM 199804
 EW 19980403

L6 ANSWER 4 OF 15 MEDLINE DUPLICATE 2
 AN 1998211344 MEDLINE
 DN 98211344
 TI Antisense c-myc **retroviral vector** suppresses established human prostate cancer.
 AU Steiner M S; Anthony C T; Lu Y; Holt J T
 CS Department of Urology, Vanderbilt University School of Medicine, Nashville, TN 37235, USA.
 SO HUMAN GENE THERAPY, (1998 Mar 20) 9 (5) 747-55.
 Journal code: A12. ISSN: 1043-0342.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199808
 EW 19980801

L6 ANSWER 5 OF 15 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:413000 CAPLUS
 DN 129:132177
 TI Inducible gene expression from promoter conversion **retroviral vectors**
 AU Salmons, Brian; Saller, Robert M.; Mrochen, Stefan; Ozturk, Feride; Klein, Dieter; Gunzburg, Walter H.
 CS Bavarian Nordic Research Institute, Munich, D-80807, Germany
 SO Nucleic Acids Symp. Ser. (1998), 38 (Advances in Gene Technology: Molecular Biology in the Conquest of Disease), 179-180
 CODEN: NACSD8; ISSN: 0261-3166
 PB Oxford University Press
 DT Journal
 LA English

L6 ANSWER 6 OF 15 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:650467 CAPLUS
 DN 127:315589
 TI Cytochrome P450 encoding **retroviral vectors** and their
 use as antitumor agents
 IN Gunzburg, Walter H.; Karle, Peter; Saller, Robert Michael
 PA Bavarian Nordic Research Institute A/S, Den.; GSF-Forschungszentrum Fur
 Umwelt Und Gesundheit; Gunzburg, Walter H.; Karle, Peter; Saller, Robert
 Michael
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9735994	A2	19971002	WO 97-EP1585	19970327
	WO 9735994	A3	19971120		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9723827	A1	19971017	AU 97-23827	19970327
	EP 892852	A2	19990127	EP 97-919307	19970327
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	NO 9804540	A	19980928	NO 98-4540	19980928
PRAI	DK 96-352		19960327		
	WO 97-EP1585		19970327		

L6 ANSWER 7 OF 15 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:265594 CAPLUS
 DN 126:247559
 TI Rodent whey acid protein (WAP) or mouse mammary tumor virus (**MMTV**) **regulatory sequences** for targeted expression of heterologous genes in human mammary cells and applications in carcinoma gene therapy
 IN Guenzburg, Walter H.; Saller, Robert Michael; Salmons, Brian
 PA Bavarian Nordic Research Institute A/s, Den.; Gsf - Forschungszentrum.
 Fuer Umwelt Und Gesundheit; Guenzburg, Walter H.; Saller, Robert Michael; Salmons, Brian
 SO PCT Int. Appl., 46 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9709440	A1	19970313	WO 96-EP3922	19960906
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM			
	AU 9669876	A1	19970327	AU 96-69876	19960906
	EP 848757	A1	19980624	EP 96-931040	19960906
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			

PRAI DK 95-976 19950906
WO 96-EP3922 19960906

L6 ANSWER 8 OF 15 CAPLUS COPYRIGHT 1999 ACS

AN 1996:661119 CAPLUS

DN 125:294771

TI Viral and plasmid vectors encoding mouse mammary tumor virus Naf
repressor

or Sag antigen for control of viral infections or lymphocyte gene therapy

IN Guenzburg, Walter H.; Salmons, Brian

PA Bavarian Nordic Research Institute A/s, Den.; GSF-Forschungszentrum fuer
Umwelt und Gesundheit GmbH

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628564	A1	19960919	WO 96-EP1002	19960308
	W:	AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9651040	A1	19961002	AU 96-51040	19960308
	EP 817859	A1	19980114	EP 96-907399	19960308
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
PRAI	DK 95-244		19950309		
	WO 96-EP1002		19960308		

L6 ANSWER 9 OF 15 CAPLUS COPYRIGHT 1999 ACS

AN 1996:661120 CAPLUS

DN 125:294754

TI Vectors carrying therapeutic genes encoding antimicrobial peptides for
gene therapy

IN Guenzburg, Walter H.; Winder, David; Saller, Robert Michael

PA Bavarian Nordic, Den.; GSF-Forschungszentrum fuer Umwelt und Gesundheit
GmbH

SO PCT Int. Appl., 54 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628563	A1	19960919	WO 96-EP1001	19960308
	W:	AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9651039	A1	19961002	AU 96-51039	19960308
	EP 817858	A1	19980114	EP 96-907398	19960308
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
	JP 11503305	T2	19990326	JP 96-527259	19960308
PRAI	DK 95-243		19950309		
	WO 96-EP1001		19960308		

L6 ANSWER 10 OF 15 SCISEARCH COPYRIGHT 1999 ISI (R)
AN 95:765935 SCISEARCH
GA The Genuine Article (R) Number: TC649
TI PROMOTER DEMETHYLATION IN MMTV/N-RAS(N) TRANSGENIC
MICE REQUIRED FOR TRANSGENE EXPRESSION AND TUMORIGENESIS
AU MANGUES R; SCHWARTZ S; SEIDMAN I; PELLICER A (Reprint)
CS NYU, MED CTR, KAPLAN CANC CTR, DEPT PATHOL, MSB 594, 550 1ST AVE, NEW
YORK, NY, 10016 (Reprint); NYU, MED CTR, KAPLAN CANC CTR, DEPT PATHOL,
NEW YORK, NY, 10016
CYA USA
SO MOLECULAR CARCINOGENESIS, (OCT 1995) Vol. 14, No. 2, pp. 94-102.
ISSN: 0899-1987.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 42
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 11 OF 15 SCISEARCH COPYRIGHT 1999 ISI (R)
AN 93:47911 SCISEARCH
GA The Genuine Article (R) Number: KG400
TI REGULATION OF EXPRESSION OF MOUSE MAMMARY-TUMOR VIRUS THROUGH SEQUENCES
LOCATED IN THE HORMONE RESPONSE ELEMENT - INVOLVEMENT OF CELL-CELL
CONTACT
AND A NEGATIVE REGULATORY FACTOR
AU HARTIG E; NIERLICH B; MINK S; NEBL G; CATO A C B (Reprint)
CS KERNFORSCHUNGSZENTRUM KARLSRUHE GMBH, INST GENET & TOXICOL, POB 3640,
W-7500 KARLSRUHE 1, GERMANY
CYA GERMANY
SO JOURNAL OF VIROLOGY, (FEB 1993) Vol. 67, No. 2, pp. 813-821.
ISSN: 0022-538X.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 46
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 12 OF 15 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 3
AN 1991:672485 CAPLUS
DN 115:272485
TI Localization and induced expression of fusion genes in the rat lung
AU Hazinski, Thomas A.; Ladd, Patricia A.; DeMatteo, C. Anthony
CS Sch. Med., Vanderbilt Univ., Nashville, TN, 37232-2586, USA
SO Am. J. Respir. Cell Mol. Biol. (1991), 4(3), 206-9
CODEN: AJRBEL; ISSN: 1044-1549
DT Journal
LA English

L6 ANSWER 13 OF 15 MEDLINE DUPLICATE 4
AN 91042511 MEDLINE
DN 91042511
TI Negative regulation in correct tissue-specific expression of mouse
mammary tumor virus in transgenic mice.
AU Ross S R; Hsu C L; Choi Y; Mok E; Dudley J P
CS Department of Biochemistry, University of Illinois, Chicago 60612.
NC CA34780 (NCI)
CA45954 (NCI)
SO MOLECULAR AND CELLULAR BIOLOGY, (1990 Nov) 10 (11) 5822-9.
Journal code: NGY. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

EM 199102

✓ L6 ANSWER 14 OF 15 MEDLINE

DUPLICATE 5

AN 90282722 MEDLINE

DN 90282722

TI Glucocorticoids regulate expression of the v-mycOK10 oncogene in a murine **retroviral vector** with chimeric MoMuLV-MMTV LTRs.

AU Jacquemin-Sablon H; Bogenberger J

CS Molecular Biology and Virology Laboratory, Salk Institute, San Diego.

SO BIOCHEMISTRY INTERNATIONAL, (1990) 20 (4) 669-79.

Journal code: 9Y9. ISSN: 0158-5231.

CY Australia

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199009

L6 ANSWER 15 OF 15 MEDLINE

DUPLICATE 6

AN 84093110 MEDLINE

DN 84093110

TI Glucocorticoid regulation of transcription at an amplified, episomal promoter.

AU Ostrowski M C; Richard-Foy H; Wolford R G; Berard D S; Hager G L

SO MOLECULAR AND CELLULAR BIOLOGY, (1983 Nov) 3 (11) 2045-57.

Journal code: NGY. ISSN: 0270-7306.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 198404

=> d au ti so 30-54 111

L11 ANSWER 30 OF 54 MEDLINE

DUPLICATE 13

AU Xiao M; Yang Y C; Yang L; Chang M S; Cornetta K; Broxymeyer H E; Lu L

TI Transduction of human interleukin-9 receptor gene into human cord blood erythroid progenitors increases the number of erythropoietin-dependent erythroid colonies.

SO BONE MARROW TRANSPLANTATION, (1996 Dec) 18 (6) 1103-9.

Journal code: BON. ISSN: 0268-3369.

L11 ANSWER 31 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)

AU LAVAU C (Reprint); HEARD J M; DANOS O; DEJEAN A

TI **RETROVIRAL VECTORS** FOR THE TRANSDUCTION OF THE PML-RAR-ALPHA FUSION PRODUCT OF ACUTE PROMYELOCYTIC LEUKEMIA

SO EXPERIMENTAL HEMATOLOGY, (MAR 1996) Vol. 24, No. 4, pp. 544-551. ISSN: 0301-472X.

L11 ANSWER 32 OF 54 MEDLINE

DUPLICATE 14

AU Suzuki H; Brown G D; Ohno K; Meruelo D

TI Infection of human cells by murine ecotropic viruses: **retroviral vectors** carrying the hygromycin resistance-encoding gene.

SO GENE, (1996 May 8) 170 (2) 255-9.

Journal code: FOP. ISSN: 0378-1119.

L11 ANSWER 33 OF 54 MEDLINE

DUPLICATE 15

AU Chen X; Cao K; Liu D; Wang Z; Liang C

TI Construction of the wt-p53 gene recombinant **retroviral vector**. Inhibiting the growth of laryngocarcinoma cell line.

SO CHUNG-KUO I HSUEH KO HSUEH YUAN HSUEH PAO ACTA ACADEMIAE MEDICINAE SINICAE, (1996 Aug) 18 (4) 252-6.

Journal code: CZS. ISSN: 1000-503X.

L11 ANSWER 34 OF 54 MEDLINE

- AU Chen X; Wang Z; Zhang L
 TI Induction of apoptosis by expression of retrovirus-mediated wild type p53 gene in larigocarcinoma cell line.
 SO CHUNG-HUA ERH PI YEN HOU KO TSA CHIH CHINESE JOURNAL OF OTORHINOLARYNGOLOGY, (1996) 31 (3) 171-4.
 Journal code: APX. ISSN: 0412-3948.
- L11 ANSWER 35 OF 54 MEDLINE DUPLICATE 16
 AU Rainov N G; Kramm C M; Aboody-Guterman K; Chase M; Ueki K; Louis D N; Harsh G R 4th; Chiocca A; Breakefield X O
 TI **Retrovirus**-mediated gene therapy of experimental brain neoplasms using the herpes simplex virus-thymidine kinase/ganciclovir paradigm.
 SO CANCER GENE THERAPY, (1996 Mar-Apr) 3 (2) 99-106.
 Journal code: CE3. ISSN: 0929-1903.
- L11 ANSWER 36 OF 54 CAPLUS COPYRIGHT 1999 ACS
 AU Feng, Xuesheng; Zheng, Zhongcheng; Tang, Zhaoyou; Ge, Kai; Wang, Liqun; Xue, Qiong; Shun, Lanying; Liu, Xinggeng
 TI Expression and antitumor activity of **retrovirus**-transferred tumor necrosis factor in human hepatocellular carcinoma cells
 SO Zhonghua Weishengwuxue He Mianyixue Zazhi (1996), 16(1), 33-36
 CODEN: ZWMZDP; ISSN: 0254-5101
- L11 ANSWER 37 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)
 AU TJUVAJEV J; GANSBACHER B; DESAI R; BEATTIE B; KAPLITT M; MATEI C; KOUTCHER J; GILBOA E; BLASBERG R (Reprint)
 TI RG-2 GLIOMA GROWTH ATTENUATION AND SEVERE BRAIN EDEMA CAUSED BY LOCAL PRODUCTION OF INTERLEUKIN-2 AND INTERFERON-GAMMA
 SO CANCER RESEARCH, (01 MAY 1995) Vol. 55, No. 9, pp. 1902-1910.
 ISSN: 0008-5472.
- L11 ANSWER 38 OF 54 MEDLINE DUPLICATE 17
 AU Smith P B; Tiano H F; Nesnow S; Boyd M R; Philpot R M; Langenbach R
 TI 4-Ipomeanol and 2-aminoanthracene cytotoxicity in C3H/10T1/2 cells expressing rabbit cytochrome **P450** 4B1.
 SO BIOCHEMICAL PHARMACOLOGY, (1995 Nov 9) 50 (10) 1567-75.
 Journal code: 9Z4. ISSN: 0006-2952.
- L11 ANSWER 39 OF 54 CAPLUS COPYRIGHT 1999 ACS
 AU Cheng, Jun; Si, Congwen; Wang, Qinhuan; Yu, Ming
 TI Human interleukin-2 gene transfer and expression inhibits hepatitis B virus surface antigen expression and enhances LAK activity of peripheral blood mononuclear cells of normal adults
 SO Zhonghua Yixue Zazhi (1995), 75(7), 388-91
 CODEN: CHHTAT; ISSN: 0376-2491
- L11 ANSWER 40 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)
 AU KRAMM C M; SENAESTEVES M; BARNETT F H; RAINOV N G; SCHUBACK D E; YU J S; PECHAN P A; PAULUS W; CHIOCCA E A; BREAKEFIELD X O (Reprint)
 TI GENE-THERAPY FOR BRAIN-TUMORS
 SO BRAIN PATHOLOGY, (OCT 1995) Vol. 5, No. 4, pp. 345-381.
 ISSN: 1015-6305.
- L11 ANSWER 41 OF 54 CAPLUS COPYRIGHT 1999 ACS
 IN Finer, Mitchell H.; Roberts, Margo R.; Dull, Thomas J.; Zsebo, Krisztina M.; Qin, Lu; Farson, Deborah A.
 TI Expression vectors for use in the production of high titer virus and high efficiency retroviral mediated transduction of mammalian cells
 SO PCT Int. Appl., 92 pp.
 CODEN: PIXXD2
- L11 ANSWER 42 OF 54 CAPLUS COPYRIGHT 1999 ACS
 AU Isobe, Ken-ichi; Fan, Zuo-heng; Emi, Nobuhiko; Nakashima, Izumi
 TI Gene transfer of TNF receptor for treatment of cancer by TNF

- SO Biochem. Biophys. Res. Commun. (1994), 202(3), 1538-42
CODEN: BBRC9; GN: 0006-291X
- L11 ANSWER 43 OF 54 CAPLUS COPYRIGHT 1999 ACS
AU Fan, Zuo-Heng; Isobe, Ken-Ichi; Emi, Nobuhiko; Nakashima, Izumi
TI **Retrovirus** mediated gene transfer of TNF receptor for treatment of cancer
SO Oncol. Rep. (1994), 1(6), 1113-16
CODEN: OCRPEW
- L11 ANSWER 44 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)
AU WU J K (Reprint); CANO W G; MEYLAERTS S A G; QI P M; VRIONIS F; CHERINGTON V
TI BYSTANDER TUMORICIDAL EFFECT IN THE TREATMENT OF EXPERIMENTAL BRAIN-TUMORS
SO NEUROSURGERY, (DEC 1994) Vol. 35, No. 6, pp. 1094-1102.
ISSN: 0148-396X.
- L11 ANSWER 45 OF 54 CAPLUS COPYRIGHT 1999 ACS
AU Lu, Shilong; Chen, Hong; Hou, Lixin; Ren, Changshan
TI Construction of a retroviral mediated recombinant TNF-.alpha. gene transfer system
SO Zhongguo Yike Daxue Xuebao (1994), 23(6), 523-6
CODEN: ZYDXEN; ISSN: 0258-4646
- L11 ANSWER 46 OF 54 BIOSIS COPYRIGHT 1999 BIOSIS DUPLICATE 18
AU Yan, Shi-Qing; Zhang, Lian-Feng; Peng, Ren-Ling
TI Retroviral-mediated IL-2 and TNF-alpha fusion gene expression in human ovarian cancer cells and its effects on the growth of the cells.
SO Zhonghua Weishengqixue He Mianyixue Zazhi, (1994) Vol. 14, No. 5, pp. 309-313.
ISSN: 0254-5101.
- L11 ANSWER 47 OF 54 MEDLINE DUPLICATE 19
AU Cohli H; Fan B; Joshi R L; Ramezani A; Li X; Joshi S
TI Inhibition of HIV-1 multiplication in a human CD4+ lymphocytic cell line expressing antisense and sense RNA molecules containing HIV-1 packaging signal and Rev response element(s).
SO ANTISENSE RESEARCH AND DEVELOPMENT, (1994 Spring) 4 (1) 19-26.
Journal code: BI7. ISSN: 1050-5261.
- L11 ANSWER 48 OF 54 CAPLUS COPYRIGHT 1999 ACS
IN Culver, Kenneth W.; Blaese, R. Michael
TI Bystander effect tumoricidal therapy
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
- L11 ANSWER 49 OF 54 BIOSIS COPYRIGHT 1999 BIOSIS
AU Hajjar, Adeline M.; Linial, Maxine L. (1)
TI A model system for nonhomologous recombination between retroviral and cellular RNA.
SO Journal of Virology, (1993) Vol. 67, No. 7, pp. 3845-3853.
ISSN: 0022-538X.
- L11 ANSWER 50 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)
AU KURIYAMA S (Reprint); YOSHIKAWA M; TOMINAGA K; NAKATANI T; SAKAMOTO T; FUKUI H; IKENAKA K; TSUJII T
TI GENE-THERAPY FOR THE TREATMENT OF HEPATOMA BY RETROVIRAL-MEDIATED GENE-TRANSFER OF THE HERPES-SIMPLEX VIRUS THYMIDINE KINASE
SO INTERNATIONAL HEPATOLOGY COMMUNICATIONS, (01 OCT 1993) Vol. 1, No. 5, pp. 253-259.
ISSN: 0928-4346.
- L11 ANSWER 51 OF 54 MEDLINE DUPLICATE 20

✓ AU Takamiya Y; Short M P; Moolten F L; Fleet C; Mineta T; Breakefield X O; Martuza R L
 TI An experimental del of **retrovirus** gene therapy for malignant brain tumors.
 SO JOURNAL OF NEUROSURGERY, (1993 Jul) 79 (1) 104-10.
 Journal code: JD3. ISSN: 0022-3085.

L11 ANSWER 52 OF 54 CAPLUS COPYRIGHT 1999 ACS
 IN Glorioso, Joseph C.; Evans, Christopher H.; Robbins, Paul D.; Bandara, Geethani
 TI A truncated interleukin-1 receptor gene for the treatment of arthritis
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2

L11 ANSWER 53 OF 54 MEDLINE DUPLICATE 21
 AU Luskey B D; Rosenblatt M; Zsebo K; Williams D A
 TI Stem cell factor, interleukin-3, and interleukin-6 promote retroviral-mediated gene transfer into murine hematopoietic stem cells.
 SO BLOOD, (1992 Jul 15) 80 (2) 396-402.
 Journal code: A8G. ISSN: 0006-4971.

L11 ANSWER 54 OF 54 CAPLUS COPYRIGHT 1999 ACS
 AU Blankenstein, Thomas; Li, Weiqun; Ueberla, Klaus; Qin, Zhihai; Tominaga, Akira; Takatsu, Kiyoshi; Yamaguchi, Naoto; Diamantstein, Tibor
 TI Retroviral interleukin 5 gene transfer into interleukin 5-dependent growing cell lines results in autocrine growth and tumorigenicity
 SO Eur. J. Immunol. (1990), 20(12), 2699-705
 CODEN: EJIMAF; ISSN: 0014-2980

=> d bib 48 111

✓ L11 ANSWER 48 OF 54 CAPLUS COPYRIGHT 1999 ACS
AN 1994:577 CAPLUS
DN 120:577
TI Bystander effect tumoricidal therapy
IN Culver, Kenneth W.; Blaese, R. Michael
PA United States Dept. of Health and Human Services, USA
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9321959	A1	19931111	WO 93-US4002	19930503
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9342217	A1	19931129	AU 93-42217	19930503
	AU 675948	B2	19970227		
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	EP 637966	B1	19970827		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 07506370	T2	19950713	JP 93-519489	19930503
	AT 157261	E	19970915	AT 93-910880	19930503
	ES 2110091	T3	19980201	ES 93-910880	19930503
PRAI	US 92-877519		19920501		
	WO 93-US4002		19930503		

=> d his

(FILE 'HOME' ENTERED AT 13:08:42 ON 27 MAY 1999)

FILE 'BIOSIS, MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 13:09:00 ON 27 MAY 1999

L1 284 S (WHEY(W)ACID?(W)PROTEIN OR WAP) (5A)PROMOTER
L2 1072 S MMTV(5A) (PROMOTER OR PROMOTOR OR REGULATORY(W) (SEQUENCE OR
EL
L3 1269215 S VIRAL(W)VECTOR OR VIRUS OR ADENOVIRUS OR RETROVIRUS
L4 1342 S L1 OR L2
L5 859 S L3 AND L4
L6 373 DUP REM L5 (486 DUPLICATES REMOVED)
L7 332083 S P53 OR MELITTIN OR CECROPIN OR SDI OR CYTOKINE OR HSV-TK

=> s 17 and 16

L8 14 L7 AND L6

=> d au ti so 1-14 18

L8 ANSWER 1 OF 14 BIOSIS COPYRIGHT 1999 BIOSIS
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AU Li, Minglin; Hu, Jiadi; Heermeier, Kathrin; Hennighausen, Lothar; Furth,
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ISSN: 1044-9523.

L8 ANSWER 3 OF 14 BIOSIS COPYRIGHT 1999 BIOSIS
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L8 ANSWER 4 OF 14 BIOSIS COPYRIGHT 1999 BIOSIS
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✓ L8 ANSWER 7 OF 14 MEDLINE
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 Matsutani M; Takakura K; Kuchino Y
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 Klein,
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L8 ANSWER 10 OF 14 CAPLUS COPYRIGHT 1999 ACS
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 TI Vectors carrying therapeutic genes encoding antimicrobial peptides for
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L8 ANSWER 11 OF 14 CAPLUS COPYRIGHT 1999 ACS
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 CODEN: PIXXD2

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L8 ANSWER 13 OF 14 CAPLUS COPYRIGHT 1999 ACS
 IN Woo, Savio L. C.; Chen, Shu-Hsia
 TI **Adenovirus**-carried suicide gene and prodrug for gene therapy for

SO solid tumors, papillomas and warts
PCT Int. Appl., 7 pp.
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L8 ANSWER 14 OF 14 SCISEARCH COPYRIGHT 1999 ISI (R)
AU PARKER C; WHITTAKER P A; USMANI B A; LAKSHMI M S; SHERBET G V (Reprint)
TI INDUCTION OF 18A2/MTS1 GENE-EXPRESSION AND ITS EFFECTS ON METASTASIS AND
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SO DNA AND CELL BIOLOGY, (OCT 1994) Vol. 13, No. 10, pp. 1021-1028.
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L8 ANSWER 13 OF 14 CAPLUS COPYRIGHT 1999 ACS

AN 1995:494727 CAPLUS

DN 122:230771

TI **Adenovirus**-carried suicide gene and prodrug for gene therapy for solid tumors, papillomas and warts

IN Woo, Savio L. C.; Chen, Shu-Hsia

PA Baylor College of Medicine, USA

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9505835	A1	19950302	WO 94-US9784	19940825
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5631236	A	19970520	US 93-112745	19930826
	CA 2169260	AA	19950302	CA 94-2169260	19940825
	AU 9476776	A1	19950321	AU 94-76776	19940825
	AU 677430	B2	19970424		
	EP 719147	A1	19960703	EP 94-927282	19940825
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
SE	JP 09504784	T2	19970513	JP 94-507792	19940825
PRAI	US 93-112745		19930826		
	WO 94-US9784		19940825		

L8 ANSWER 14 OF 14 SCISEARCH COPYRIGHT 1999 ISI (R)

AN 94:706853 SCISEARCH

GA The Genuine Article (R) Number: PP859

TI INDUCTION OF 18A2/MTS1 GENE-EXPRESSION AND ITS EFFECTS ON METASTASIS AND CELL-CYCLE CONTROL

AU PARKER C; WHITTAKER P A; USMANI B A; LAKSHMI M S; SHERBET G V (Reprint)
CS UNIV NEWCASTLE UPON TYNE, SCH MED, CANC RES UNIT, NEWCASTLE UPON TYNE NE2 4HH, TYNE & WEAR, ENGLAND (Reprint); UNIV NEWCASTLE UPON TYNE, SCH MED, CANC RES UNIT, NEWCASTLE UPON TYNE NE2 4HH, TYNE & WEAR, ENGLAND; UNIV SOUTHAMPTON, DEPT CLIN BIOCHEM, SOUTHAMPTON SO9 4XY, HANTS, ENGLAND

CYA ENGLAND

SO DNA AND CELL BIOLOGY, (OCT 1994) Vol. 13, No. 10, pp. 1021-1028.
ISSN: 1044-5498.

DT Article; Journal

FS LIFE

LA ENGLISH

REC Reference Count: 36

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> d ab 14 18

L8 ANSWER 14 OF 14 SCISEARCH COPYRIGHT 1999 ISI (R)

AB The metastasis associated 18A2/mts1 gene was inserted into the mammalian expression vector pMAMneo placing it under the control of the dexamethasone-inducible **MTV promoter**. The construct was transfected into dexamethasone receptor negative F1 and receptor positive F10 cells of the B16 murine melanoma. The transferred gene was switched on in two transfectant clones of F10, by exposure to 10(-6) M dexamethasone, but not in clones of the receptor negative F1 line. One of

the F10 transfectant clones (F10-192/10) was characterized further. A 13.5-fold increase in 18A2/mts1 transcripts was found in this clone upon exposure to dexamethasone. There was also a seven-fold increase in lung colonization in an experimental metastasis assay, together with increased expression of depolymerized tubulin and enhanced detection of p53 protein. The number of cells in the S phase increased by 2.5-fold following dexamethasone treatment of the clone. These data suggest a direct involvement of the 18A2/mts1 gene in lung colonization by the tumor cells. The 18A2/mts1 protein promotes tubulin depolymerization, sequesters the p53 phosphoprotein, and induces the cells to enter the S phase, but the relevance of these in the metastatic process remains to be elucidated.

=> d ab 7 18

L8 ANSWER 7 OF 14 MEDLINE

AB Human (U251, U87, U343) and rat glioma cell lines (C6, 9L) were examined by the reverse transcriptase-polymerase chain reaction and subsequent nucleotide sequencing analysis to see whether they express wild type (wt)-

p53 or mutated form (mut)-p53 messages. Results showed that U87, U343, and C6 cells expressed wt-p53 messages whereas U251 and 9L cells expressed mut-p53 messages. All these cell lines were transfected with wt-p53 cDNA or the s-myc gene linked to the mouse mammary tumor virus (MMTV) promoter. Of several G418-resistant clones obtained from each transfection, a few expressed the s-Myc or wt-p53 proteins. Independent of mutations in the intrinsic p53 gene, the cellular growth in vitro and tumorigenicity in nude mice of these clones were drastically suppressed, the extent of suppression being correlated with the expression level of the transfected gene. Flow-cytometric analysis demonstrated that both p53 and s-Myc arrested the cell cycle at the G1/S boundary. These data suggest that these genes having negative effects on tumor cell proliferation could be used in gene therapy of gliomas, which are caused by alteration of the p53 gene or by some other genetic change.